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SUBJECT: Provides NDE info requested by NRC during recent conference
call re SG three month rept addendum eddy current data for
pilled tubes.

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DUKE POWER

June 10, 1996

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Subject: Duke Power Company
Oconee Nuclear Station, Unit 2
Docket No. 50-270
Steam Generator Three Month Report
Addendum: Eddy Current Data for Pulled Tubes


This letter provides the non-destructive examination (NDE) information which was requested by the NRC staff during a recent conference call. In addition, this information is provided as an addendum to the Steam Generator three month report which was dated June 5, 1996. The NDE information in Attachment 1 provides the results of the field eddy current depth measurements which were determined using bobbin, rotating pancake coil and plus point eddy current probes for the four tubes prior to their removal from the 2A Steam Generator.

The data describes the notable axial indications seen on the four tubes that were removed. Since relatively few indications were seen in the lower tube sections, the data only shows the notable indications that were seen above the 10th tube support plate. A more detailed eddy current exam is currently being completed under laboratory conditions. The results of the laboratory NDE and destructive examinations will be provided to the NRC when the data is available.

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If there are any questions about this information, please
contact Michael Bailey at (864) 885-4390.

Very Truly Yours,

 for

J. W. Hampton, Site Vice President
Oconee Nuclear Station

MEB

Attachment

xc: D. E. LaBarge, Project Manager
ONRR

P. E. Harmon, Senior Resident Inspector
Oconee Nuclear Station

S. D. Ebnetter, Regional Administrator
Region II

ONS 2-A

Bobbin

RPC

RPC

Plus PT

Plus PT

Tube	TSP Loc	Elevation	%TW
27-62	14th	15.47	49
		16.19	36
		16.78	65
		17.25	62
		17.53	83
		18.06	22
		18.48	36
		19.34	52

Length	%TW
3.18	39-57
1.08	46-61

Length	%TW
4.36	30-60

ONS 2-A		Bobbin		RPC	RPC	Plus PT	Plus PT
Tube	TSP Loc	Elevation	%TW	Length	%TW	Length	%TW
93-69	12th	9.45	36	1.73	54-76	1.57	30-50
		11.57	24	0.98	38-82	0.75	1-25
		16.39	71				
		16.81	1				
		20.61	68				
		21.75	49				
	14th	18.04	1	0.58	54-62	1.47	25-35
		19.24	7	0.91	65-71		

ONS 2-A		Elevation	Bobbin %TW	RPC		Plus PT	
Tube	TSP Loc			Length	%TW	Length	%TW
110-66	10th	18.28	20	0.72	61-79	0.5	1-7
		19.36	12	0.57	66-83	0.74	25
		20.33	3	0.81	36-57	0.37	1
		21.33	46	0.4	62-66	0.77	7-25
		21.63	35	0.84	58-68	0.81	1-35
		22.77	4	0.81	53-71	0.65	1-25
		23.66	7	1.61	46-74	0.61	14
		24.71	26			0.71	1-25
		25.68	20	0.44	54	0.37	7-25
		26.15	36				
		27.93	12				
		32.56	24				
		32.98	37				
	13th	33	49	0.77	55-65	0.51	7-43
		34.15	65	0.5	44	0.37	20
	14th	0.31	47	0.94	42-57	0.8	14-35
		1.51	26	0.7	42-47	0.53	30-53
		2.73	32	0.7	26-47		
		3.46	24	0.5	37		
		4.29	28				
		6.67	30				

ONS 2-A		Elevation	Bobbin %TW	RPC		Plus PT	
Tube	TSP Loc			Length	%TW	Length	%TW
119-59	10th	5.68	1	3.14	32-46	2.8	43-65
		6.81	1	1.75	49-51	1.31	39-86
		7.5	18	1.75	2-39	1.49	53-69
		8.06	13				
		9.03	39				
		9.39	52				
		10.22	64				
		12.13	52				
		12.43	28				
		13.65	43				
		14.1	18				
		14.51	43				
		14.95	49				
		15.45	15				
	15th	32.9	67	1.05	65-68	1.22	46-67
		35.42	77	1.19	49-57	3.84	50-67
		35.73	1	3.7	49-76	0.74	60
		36.62	46	2.23	72-80	1.43	55
		37.4	46	7.24	35-65	6.45	43-74
		37.7	64				
		38.73	46				
		39.01	71				
		39.48	43				
		39.92	55				
		40.84	37				
		41.09	60				
		41.45	1				
		42.73	15				
		43.65	67				
		44.68	24				
		46.5	37				